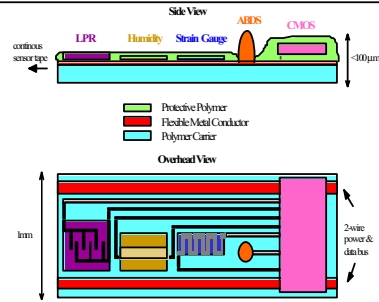


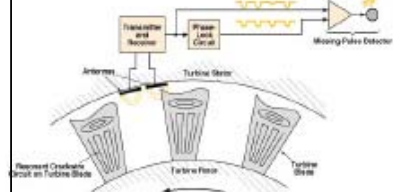
- Strain Sensors
- Adhesive Bond Sensors
- Corrosion Sensors
- Humidity Sensors
- Thin (>100um) Packaging
- Data Retrieval Electronics
- Data Storage Hardware
- Wireless Communications



High Temperature Designs

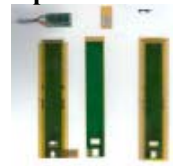
Low Temperature Designs

## Resonant Crackwires Sensors

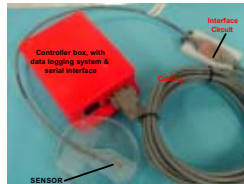


NASA John H. Glenn Research Center  
Resonant Crackwire Circuits Concept

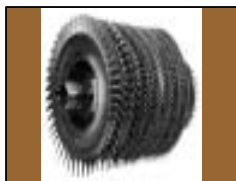
## Current Sensor Implementation



## Current System Implementation



## High Temperature Potential System Applications



Pressure Compressor from a  
General Electric F404 Engine

## Fabrication

To be Fabricated by Use of Analatom  
Techniques Developed for Strain Gauges

## Analytical Models

- Elementary Finite Element Calculations
- DSTO Structural Modelling and Integrity, both Theoretically and Practically
- Northrop Grumman Multiscale Analytical Models

## Low Temperature Potential System Applications



## Sensor Networks

